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CENTRAL INTELLIGENCE AGENCY

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6. The power plants were not manufactured in plant No 456 but arrived from Moscow by special truck.
7. Source learned from German Foreman Haase (fnu) that the power plants at the test stand were burning liquid oxygen, which was produced in the new oxygen plant. He said that some other unidentified chemicals were added. (4)
8. It was learned from German engineers that the Soviets at first experienced difficulties with gaskets allegedly fitted in the power plants. These difficulties were caused by the high degree of cold characteristic of liquid oxygen. While these difficulties were soon overcome, the composition of the chemicals was said to be still unsatisfactory. The chemicals required for the propulsive charges of the German V-weapons were manufactured at IG-Farben Plants. The Soviets allegedly did not yet know the process of manufacturing these materials in early 1949. However, German professors working in a Moscow institute reportedly had made so much progress in this field that the Soviets, according to the German engineers, will soon have the same propulsive charges formerly available to the Germans. (5)

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Comments.

- (1) On the basis of available information it is believed that the test stand was not put into operation before the summer of 1949 and the four to five power plants were tested daily at the end of that year.
- (2) The combustion period was stated differently by the interrogated PAs; however, the general estimate was one minute.
- (3) These carboys were reported previously. It is known that experiments with other fuels were made in the so-called laboratory under the supervision of Dr. Putze (fnu). Nitric acid has also been used for these experiments.
- (4) According to other sources, the oxygen plant built in the area of Plant No 456 was already in operation at the end of 1948.
- (5) Details on the results of these experiments designed to raise the efficiency of the V-weapons are not available. The German organization formerly employed at Plant No 456 has returned to the Soviet Zone of Germany.

CONFIDENTIAL

-2-